

# Converting Colors

Hex(BDB0C0)

Have a look what the booklet for  
Hex(BDB0C0) contains.

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# **Color**

**Hex(BDB0C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDB0C0
RGB	189, 176, 192
RGB Percent	74%, 69%, 75%
CMY	0.2588, 0.3098, 0.2471
CMYK	0.02, 0.08, 0.00, 0.25
HSL	289°, 11%, 72%
HSV	289°, 8%, 75%
XYZ	46.0260, 45.6753, 56.2595
YIQ	181.7110, 2.6120, 7.7320

# Conversions

## Conversions Part 2

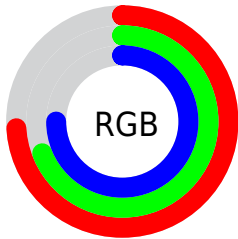
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 176, 192
Decimal	12431552
CIELab	73.33, 7.58, -6.46
CIELCh	73, 9.958, 319.531
Yxy	45.6753, 0.3111, 0.3087
Android (android.graphics.Color)	4290621632 (0xFFBDB0C0)
YUV	181.7110, 5.0725, 6.3925
Hunter-Lab	67.5835, 3.2919, -2.0473

# Details

The Hex color **BDB0C0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B3C0B0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **F5E8F8**, and **887C8B** is the 20% darker color. If you saturate the color by 10%, you get **B99DC0**, and if you desaturate by 10%, it is **C1C3C0**.

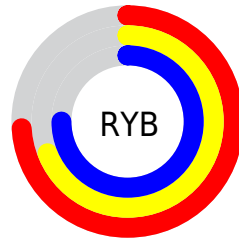
# Distribution



Red (74%)

Green (69%)

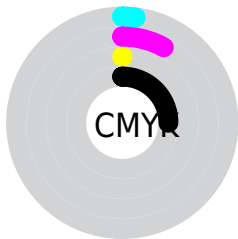
Blue (75%)



Red (74%)

Yellow (69%)

Blue (75%)

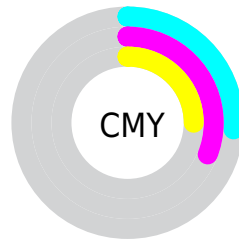


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (26%)

Magenta (31%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDB0C0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BDB0C0 by changing the saturation by 10% instead.



 BDB0C0

 BDB0C0

FFFFFF

 A295A5

 F5E8F8

 887C8B

 6E6371

 564B59

 3F3441

 291F2B

 150717

 000000

 BDB0C0

 BDB0C0

 B99DC0

 C1C3C0

 B68AC0

 C4D6C0

 B276C0

 C8EAC0

 AF63C0

 CBFDC0

 AB50C0

 CFFFC0

 A73DC0

 D3FFC0

 A42AC0

 D6FFC0

 A016C0

 DAFFC0

 9D03C0

 DDFFC0

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B2B3C5



BDB0C0



C5AEB8

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BDB0C0



BFB2A2



9EBABA

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



BDB0C0



B3C0B0

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A2B9B0



BDB0C0



B5B5A3

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BDB0C0



C6B0A7



ABB8A8



9FB8C2

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDB0C0



C8AEB1



ABB8A8



9EBAB7

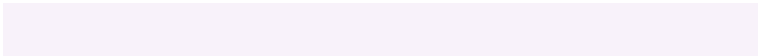


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



BDB0C0



F8F2FA



B0B3C0



7C787D



FCFCFC



7D7D7D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



BDB0C0



F5E1FA



C0B0BB



5F5761



8300A1



1B0021

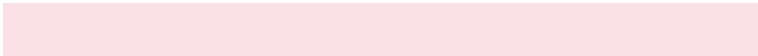


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



COB0B3



FAE1E6



B0C0B5



615759



A1001E

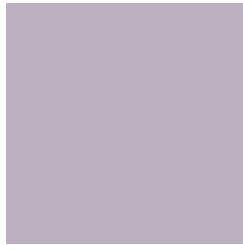


210006



# Previews

## White Background



This preview shows how the Hex color BDB0C0 looks on a white background.

## Color Contrast Check

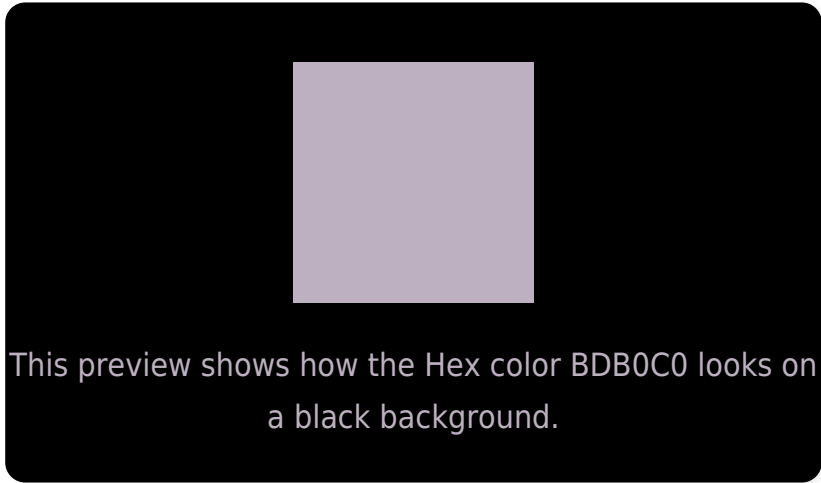
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

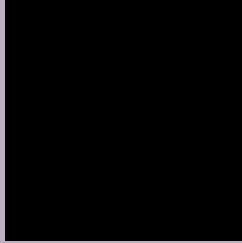
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDB0C0 Background



This preview shows how black text looks on a background with the Hex color BDB0C0.




This preview shows how white text looks on a background with the Hex color BDB0C0.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
BDB0BE

# Trichromacy



**Original Color**  
BDB0C0

**Protanomaly**  
B7B2C1

**Deuteranomaly**  
BFAFC0

**Tritanomaly**  
BDB0BF

# Monochromacy



**Original Color**  
BDB0C0

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
B9B4BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDB0C0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BDB0C0 looks like.

```
.text, #text, p{  
    color:#BDB0C0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BDB0C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB0C0
}
```

## Border

The CSS property to change the border of an element to Hex BDB0C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BDB0C0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BDB0C0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BDB0C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB0C0; -webkit-box-shadow:4px 4px  
4px 4px #BDB0C0; box-shadow:4px 4px 4px  
4px #BDB0C0 }
```

# Background

The CSS property to change the background color of an element to Hex BDB0C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB0C0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BDB0C0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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